



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 7

Test Date: March 2009
Code: 11231330
SAU: Orono School Department
School: Orono Middle School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

<i>Topic</i>	<i>Page</i>
Summary of Scores	2
Summary of Student Participation	3
English Language Arts – Reading Results	4-6
Mathematics Results	7-9

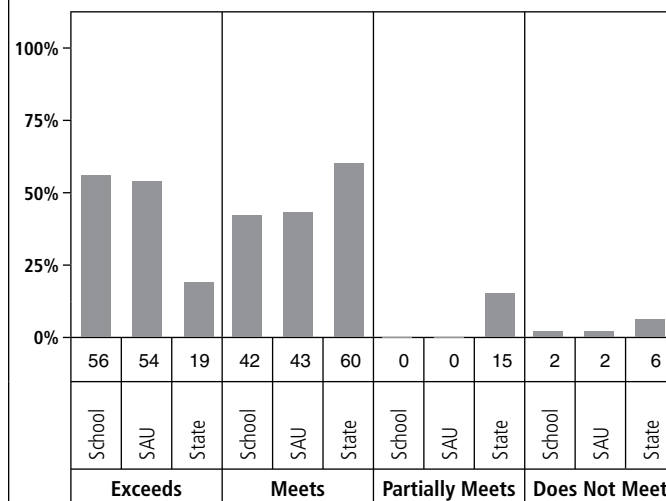
SUMMARY OF SCORES

Test Date: March 2009
Grade: 7
SAU: Orono School Department
School: Orono Middle School

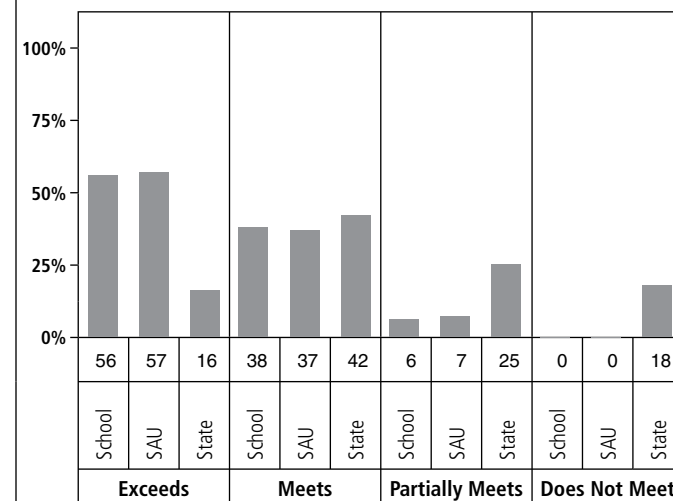
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	756	756	748
2007–2008	757	759	750
2008–2009	762	762	751
Cum. Avg.*	758	759	750
Mathematics			
2006–2007	757	757	742
2007–2008	760	761	743
2008–2009	762	762	745
Cum. Avg.*	760	760	743

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 7
SAU: Orono School Department
School: Orono Middle School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
							ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	50	100	48	100	14446	100	48	96	46	96	14316	99	48	96	46	96	14322	99						
Ethnicity African American/Black	3	6	3	6	432	3	2	67	2	67	416	97	2	67	2	67	421	98						
American Indian or Native Alaskan	0	0	0	0	124	1	0	0	0	0	121	98	0	0	0	0	122	99						
Asian or Pacific Islander	4	8	4	8	260	2	4	100	4	100	255	98	4	100	4	100	259	100						
Hispanic	1	2	1	2	147	1	1	100	1	100	144	99	1	100	1	100	144	99						
Caucasian/White	42	84	40	83	13483	93	41	98	39	98	13380	99	41	98	39	98	13376	99						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	10	20	10	21	2428	17	10	100	10	100	2391	99	10	100	10	100	2391	99						
Current LEP	2	4	2	4	334	2	2	100	2	100	318	95	2	100	2	100	328	98						
Economically disadvantaged	12	24	11	23	5498	38	10	83	9	82	5431	99	10	83	9	82	5436	99						
Migrant	0	0	0	0	8	0	0	0	0	0	8	100	0	0	0	0	8	100						

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	41	82	39	81	11742	81	41	82	39	81	11754	81						
Identified disability (PET/IEP)	5	12	5	13	367	3	5	12	5	13	365	3						
LEP	1	2	1	3	168	1	1	2	1	3	169	1						
504 plan	3	7	2	5	183	2	3	7	2	5	187	2						
Participation with accommodations	7	14	7	15	2367	16	7	14	7	15	2366	16						
Identified disability (PET/IEP)	5	71	5	71	1819	77	5	71	5	71	1824	77						
LEP	1	14	1	14	143	6	1	14	1	14	154	7						
504 plan	2	29	2	29	84	4	2	29	2	29	80	3						
Other	1	14	1	14	358	15	1	14	1	14	346	15						
Participation through alternate assessment (PAAP)	0	0	0	0	205	1	0	0	0	0	202	1						
Identified disability (PET/IEP)	0	0	0	0	205	100	0	0	0	0	202	100						
LEP	0	0	0	0	5	2	0	0	0	0	5	2						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	2	0												
Approved non-participation – special consideration	0	0	0	0	33	0	0	0	0	0	32	0						
Non-participation – other	2	4	2	4	97	1	2	4	2	4	92	1						

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 7
SAU: Orono School Department
School: Orono Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 762–780)	2006-2007	17	40	17	40	2630	18
	2007-2008	17	37	17	41	2604	18
	2008-2009	27	56	25	54	2618	19
	Cum. Total*	61	45	59	46	7852	18
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 742–760)	2006-2007	18	43	18	43	7605	51
	2007-2008	27	59	22	54	8049	55
	2008-2009	20	42	20	43	8484	60
	Cum. Total*	65	48	60	47	24138	56
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 730–740)	2006-2007	7	17	7	17	3000	20
	2007-2008	2	4	2	5	2672	18
	2008-2009	0	0	0	0	2108	15
	Cum. Total*	9	7	9	7	7780	18
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 700–728)	2006-2007	0	0	0	0	1620	11
	2007-2008	0	0	0	0	1190	8
	2008-2009	1	2	1	2	899	6
	Cum. Total*	1	1	1	1	3709	9

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	41.1	73.4	41.0	73.2	34.4	61.4
A1/A2 Interconnected Elements/Literary Text	20	36	14.0	70.0	14.0	70.0	11.8	59.0
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	27.0	75.0	27.0	75.0	22.6	62.8

The MEA assesses students’ reading skills based on questions related to three types of reading passages: literary, informational, and persuasive. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 7
 SAU: Orono School Department
 School: Orono Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	48	27	56	20	42	0	0	1	2	762	46	54	43	0	2	762	14109	19	60	15	6	751
Ethnicity																						
African American/Black	2										2						409	11	49	22	18	744
American Indian or Native Alaskan	0										0						117	12	53	19	16	746
Asian or Pacific Islander	4										4						253	24	59	11	6	753
Hispanic	1										1						142	14	56	17	13	747
Caucasian/White	41	24	59	16	39	0	0	1	2	762	39	56	41	0	3	762	13188	19	61	15	6	751
Not Reported	0										0						0					
Identified disability																						
Yes	10	2	20	7	70	0	0	1	10	751	10	20	70	0	10	751	2186	2	36	35	27	737
No	38	25	66	13	34	0	0	0	0	765	36	64	36	0	0	765	11923	22	65	11	3	754
Current LEP																						
Yes	2										2						311	4	41	29	26	739
No	46	27	59	18	39	0	0	1	2	762	44	57	41	0	2	762	13798	19	61	15	6	751
Economically disadvantaged																						
Yes	10	3	30	6	60	0	0	1	10	755	9	22	67	0	11	754	5300	8	58	22	11	746
No	38	24	63	14	37	0	0	0	0	764	37	62	38	0	0	764	8809	25	61	10	4	754
Migrant																						
Yes	0										0						8	13	50	38	0	747
No	48	27	56	20	42	0	0	1	2	762	46	54	43	0	2	762	14101	19	60	15	6	751
Gender																						
Female	24	17	71	7	29	0	0	0	0	766	22	68	32	0	0	766	6993	24	61	11	4	754
Male	24	10	42	13	54	0	0	1	4	757	24	42	54	0	4	757	7116	14	60	18	8	749
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	17	4	24	13	76	0	0	0	0	754	15	13	87	0	0	752	1025	10	53	27	11	745
No	31	23	74	7	23	0	0	1	3	766	31	74	23	0	3	766	13084	19	61	14	6	752
Gifted/talented program																						
Yes	1										1						676	66	33	1	0	766
No	47	26	55	20	43	0	0	1	2	762	45	53	44	0	2	761	13433	16	61	16	7	750

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade: 7

SAU: Orono School Department

School: Orono Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	10	3	60	1	20	0	0	1	20	756	9	50	25	0	25	754	7	8	48	25	19	743
B. less than one hour	42	12	60	8	40	0	0	0	0	763	41	58	42	0	0	763	52	17	62	15	6	751
C. one to two hours	46	11	50	11	50	0	0	0	0	762	48	50	50	0	0	762	37	23	61	12	4	753
D. more than two hours	2	1	100	0	0	0	0	0	0	766	2	100	0	0	0	766	4	19	53	18	10	750
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	33	11	69	5	31	0	0	0	0	767	35	69	31	0	0	767	30	33	56	7	4	756
B. good	46	13	59	9	41	0	0	0	0	762	43	55	45	0	0	762	49	16	64	14	5	751
C. fair	19	2	22	6	67	0	0	1	11	750	20	22	67	0	11	750	19	5	59	26	10	745
D. poor	2	1	100	0	0	0	0	0	0	772	2	100	0	0	0	772	3	3	45	32	21	740
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	54	14	54	12	46	0	0	0	0	763	54	52	48	0	0	763	33	24	62	10	3	754
B. They match some of what I have learned.	38	10	56	7	39	0	0	1	6	759	37	53	41	0	6	759	52	18	62	15	5	751
C. They match just a little of what I have learned.	4	1	50	1	50	0	0	0	0	755	4	50	50	0	0	755	11	11	54	23	13	746
D. There is no match.	4	2	100	0	0	0	0	0	0	774	4	100	0	0	0	774	3	6	38	29	27	739
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	21	7	70	3	30	0	0	0	0	762	20	67	33	0	0	762	17	16	55	18	12	748
B. about the same as my regular schoolwork	69	17	52	15	45	0	0	1	3	761	70	50	47	0	3	761	65	19	62	14	5	752
C. easier than my regular schoolwork	10	3	60	2	40	0	0	0	0	766	11	60	40	0	0	766	17	22	60	13	5	752
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	4	1	50	1	50	0	0	0	0	755	4	50	50	0	0	755	9	4	44	27	24	740
B. Most of the passages were about the same as what I normally read.	54	12	46	13	50	0	0	1	4	759	52	42	54	0	4	759	54	14	63	17	5	750
C. Most of the passages were easier than what I normally read.	42	14	70	6	30	0	0	0	0	766	43	70	30	0	0	766	38	28	60	9	3	756
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	58	17	61	10	36	0	0	1	4	762	57	58	38	0	4	762	44	19	60	15	6	751
B. I tried about the same as I do on my regular schoolwork.	42	10	50	10	50	0	0	0	0	762	43	50	50	0	0	762	51	19	62	13	5	752
C. I did not try as hard on this test as I do on my regular schoolwork.	0										0						5	9	51	26	15	744
How much time do you spend reading at home each day?																						
A. more than one hour	27	9	69	4	31	0	0	0	0	766	28	69	31	0	0	766	21	27	57	11	5	755
B. 20 minutes to an hour	48	14	61	9	39	0	0	0	0	764	46	57	43	0	0	764	45	22	62	12	4	753
C. less than 20 minutes	8	1	25	3	75	0	0	0	0	756	9	25	75	0	0	756	13	13	61	17	8	749
D. I rarely read at home.	17	3	38	4	50	0	0	1	13	752	17	38	50	0	13	752	21	7	59	24	11	746
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										0											

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 7
SAU: Orono School Department
School: Orono Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 762–780)	2006-2007	23	53	23	53	2142	14
	2007-2008	20	43	20	49	2028	14
	2008-2009	27	56	26	57	2220	16
	Cum. Total*	70	51	69	53	6390	15
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 742–760)	2006-2007	12	28	12	28	5642	38
	2007-2008	18	39	16	39	5703	39
	2008-2009	18	38	17	37	5879	42
	Cum. Total*	48	35	45	35	17224	40
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 728–740)	2006-2007	3	7	3	7	4077	27
	2007-2008	7	15	4	10	3733	26
	2008-2009	3	6	3	7	3537	25
	Cum. Total*	13	9	10	8	11347	26
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 700–726)	2006-2007	5	12	5	12	3001	20
	2007-2008	1	2	1	2	3054	21
	2008-2009	0	0	0	0	2484	18
	Cum. Total*	6	4	6	5	8539	20

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	56	100	41.7	74.5	41.7	74.5	29.9	53.4
A. Number	14	25	9.9	70.7	10.0	71.4	7.7	55.0
B. Data	16	29	12.3	76.9	12.2	76.3	8.1	50.6
C. Geometry	12	21	9.7	80.8	9.7	80.8	6.9	57.5
D. Algebra	14	25	9.8	70.0	9.9	70.7	7.3	52.1

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 7
 SAU: Orono School Department
 School: Orono Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	48	27	56	18	38	3	6	0	0	762	46	57	37	7	0	762	14120	16	42	25	18	745
Ethnicity																						
African American/Black	2										2						416	5	26	28	41	733
American Indian or Native Alaskan	0										0						119	8	30	31	30	737
Asian or Pacific Islander	4										4						258	25	43	19	13	750
Hispanic	1										1						142	8	39	23	30	739
Caucasian/White	41	24	59	15	37	2	5	0	0	763	39	59	36	5	0	763	13185	16	42	25	17	745
Not Reported	0										0						0					
Identified disability																						
Yes	10	3	30	6	60	1	10	0	0	755	10	30	60	10	0	755	2189	2	17	27	53	728
No	38	24	63	12	32	2	5	0	0	764	36	64	31	6	0	765	11931	18	46	25	11	748
Current LEP																						
Yes	2										2						323	4	20	28	48	729
No	46	27	59	17	37	2	4	0	0	763	44	59	36	5	0	763	13797	16	42	25	17	745
Economically disadvantaged																						
Yes	10	3	30	5	50	2	20	0	0	753	9	33	44	22	0	753	5308	7	35	30	28	738
No	38	24	63	13	34	1	3	0	0	765	37	62	35	3	0	765	8812	21	46	22	11	749
Migrant																						
Yes	0										0						8	0	50	38	13	742
No	48	27	56	18	38	3	6	0	0	762	46	57	37	7	0	762	14112	16	42	25	18	745
Gender																						
Female	24	16	67	8	33	0	0	0	0	766	22	68	32	0	0	766	6992	16	43	25	16	745
Male	24	11	46	10	42	3	13	0	0	759	24	46	42	13	0	759	7128	15	41	25	19	744
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	17	4	24	11	65	2	12	0	0	754	15	20	67	13	0	753	1024	7	26	36	31	736
No	31	23	74	7	23	1	3	0	0	767	31	74	23	3	0	767	13096	16	43	24	17	745
Gifted/talented program																						
Yes	1										1						676	68	29	2	0	767
No	47	26	55	18	38	3	6	0	0	762	45	56	38	7	0	762	13444	13	42	26	18	744

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NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade: 7

SAU: Orono School Department

School: Orono Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	10	0	0	3	60	2	40	0	0	748	9	0	50	50	0	747	7	6	30	28	36	735
B. less than one hour	42	12	60	8	40	0	0	0	0	764	41	58	42	0	0	764	52	16	42	25	17	745
C. one to two hours	46	14	64	7	32	1	5	0	0	764	48	64	32	5	0	764	37	18	44	24	14	747
D. more than two hours	2	1	100	0	0	0	0	0	0	770	2	100	0	0	0	770	4	15	38	24	22	743
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	31	13	87	2	13	0	0	0	0	771	33	87	13	0	0	771	26	35	43	12	9	754
B. good	52	13	52	12	48	0	0	0	0	762	52	54	46	0	0	762	46	13	48	25	15	745
C. fair	15	1	14	3	43	3	43	0	0	747	13	0	50	50	0	743	23	3	32	37	27	737
D. poor	2	0	0	1	100	0	0	0	0	760	2	0	100	0	0	760	5	1	22	37	40	731
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	63	19	63	10	33	1	3	0	0	765	61	64	32	4	0	765	26	23	43	20	13	749
B. They match some of what I have learned.	31	7	47	7	47	1	7	0	0	760	33	47	47	7	0	760	53	15	45	26	15	746
C. They match just a little of what I have learned.	6	1	33	1	33	1	33	0	0	747	7	33	33	33	0	747	17	9	35	32	24	740
D. There is no match.	0										0						4	7	21	22	51	730
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	10	2	40	1	20	2	40	0	0	756	11	40	20	40	0	756	37	8	40	29	23	740
B. about the same as my regular schoolwork	65	14	45	16	52	1	3	0	0	761	65	47	50	3	0	761	51	16	44	25	15	746
C. easier than my regular schoolwork	25	11	92	1	8	0	0	0	0	770	24	91	9	0	0	770	12	41	35	13	11	755
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	44	12	57	7	33	2	10	0	0	762	43	55	35	10	0	762	48	14	42	27	17	744
B. I tried about the same as I do on my regular schoolwork.	52	13	52	11	44	1	4	0	0	762	52	54	42	4	0	762	47	18	43	23	16	746
C. I did not try as hard on this test as I do on my regular schoolwork.	4	2	100	0	0	0	0	0	0	769	4	100	0	0	0	769	5	14	27	25	34	738
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	4	0	0	0	0	2	100	0	0	733	4	0	0	100	0	733	8	8	30	29	33	737
B. 30–45 minutes	77	23	62	13	35	1	3	0	0	765	78	61	36	3	0	764	38	13	40	27	20	743
C. 45–60 minutes	15	3	43	4	57	0	0	0	0	760	13	50	50	0	0	761	42	20	45	23	12	748
D. more than 60 minutes	4	1	50	1	50	0	0	0	0	763	4	50	50	0	0	763	12	16	42	25	17	745
How often do you use calculators in mathematics class?																						
A. almost every day	19	3	33	6	67	0	0	0	0	757	17	25	75	0	0	755	15	19	38	25	19	745
B. two or three days a week	65	18	58	10	32	3	10	0	0	763	67	58	32	10	0	763	31	18	42	24	16	746
C. two or three times a month	15	5	71	2	29	0	0	0	0	765	13	83	17	0	0	766	26	17	43	24	17	746
D. never or almost never	2	1	100	0	0	0	0	0	0	770	2	100	0	0	0	770	28	11	42	27	19	743
How often do you use laptops in mathematics class?																						
A. almost every day	0										0						10	12	39	24	24	741
B. two or three days a week	2	0	0	1	100	0	0	0	0	760	2	0	100	0	0	760	22	13	43	26	18	744
C. two or three times each month	13	5	83	0	0	1	17	0	0	761	13	83	0	17	0	761	33	18	44	25	13	747
D. never or almost never	85	22	54	17	41	2	5	0	0	763	85	54	41	5	0	763	35	16	40	25	19	744
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										0											

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